

FIG. 3

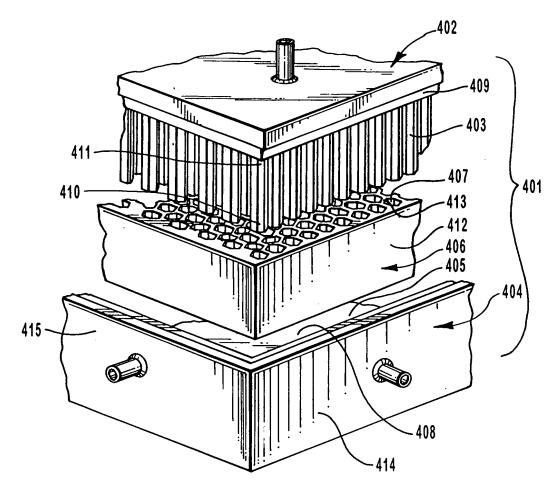


FIG. 4

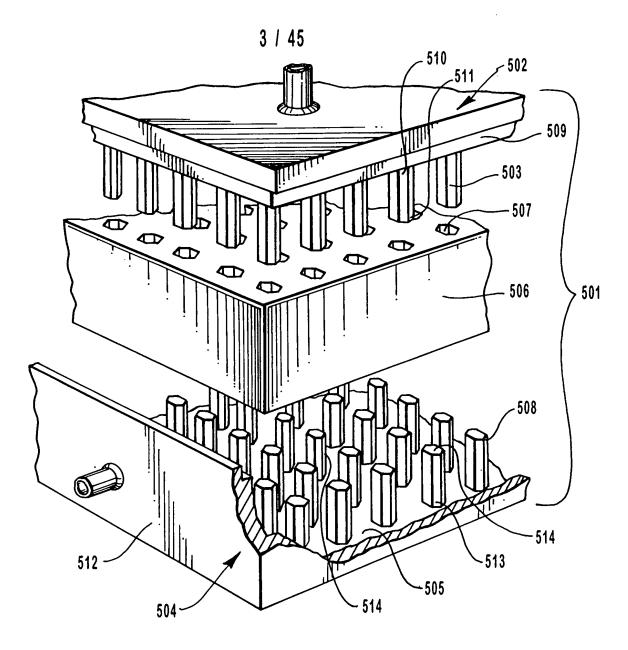
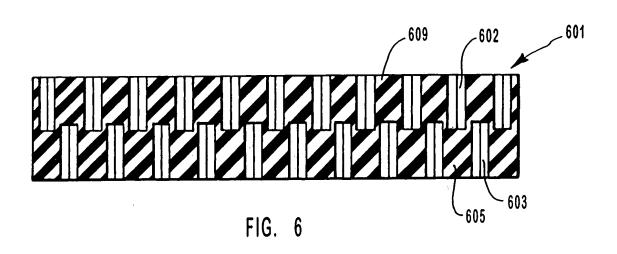
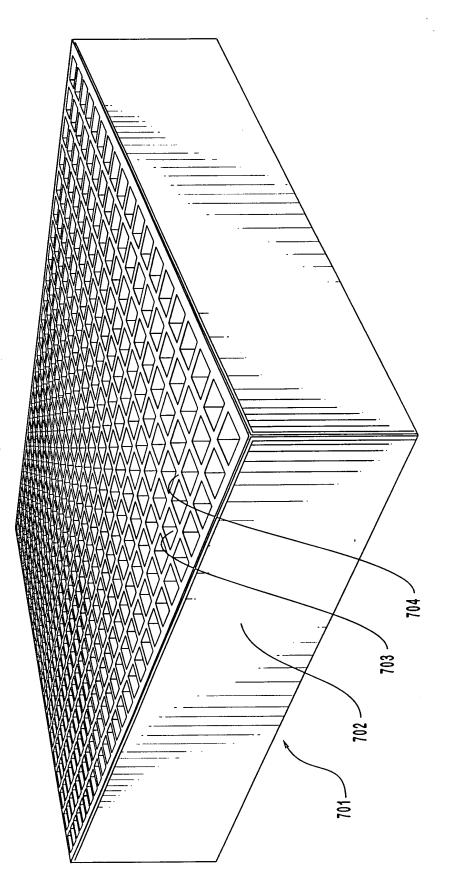


FIG. 5





F [6. 7

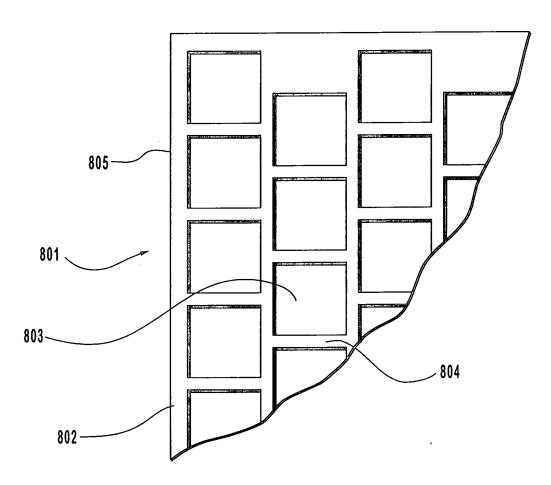


FIG. 8

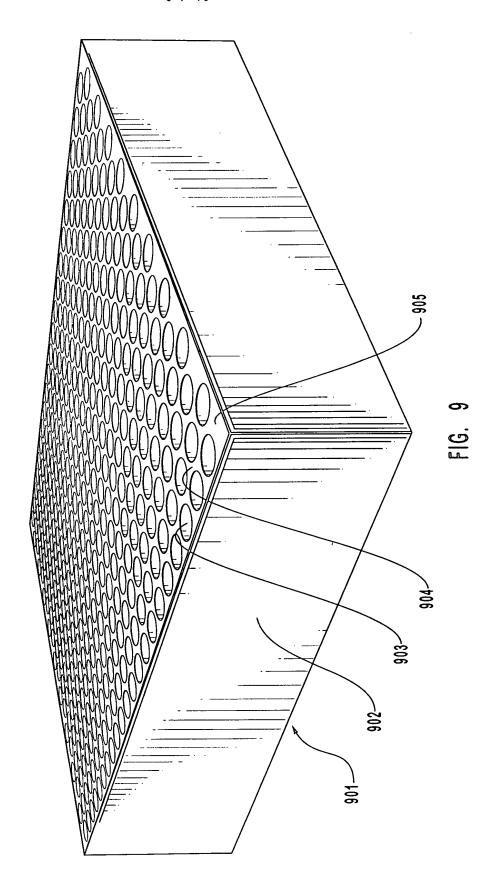
.

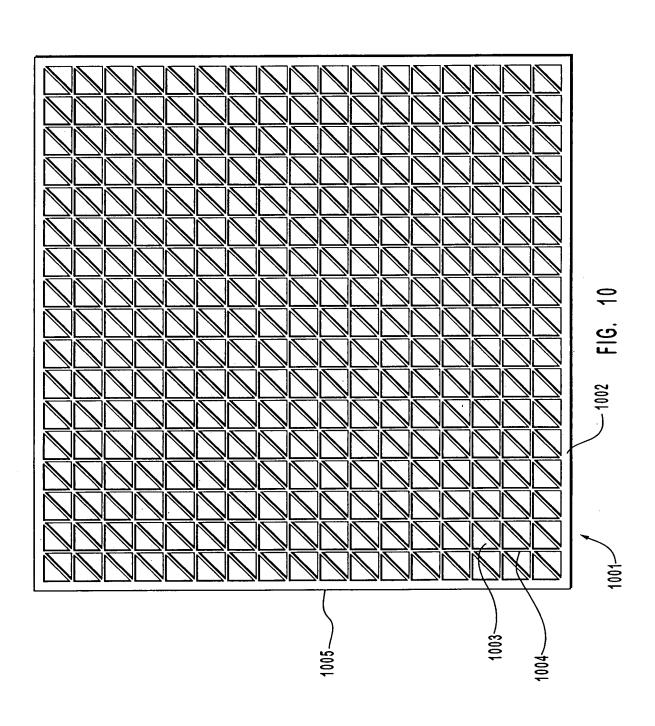
:

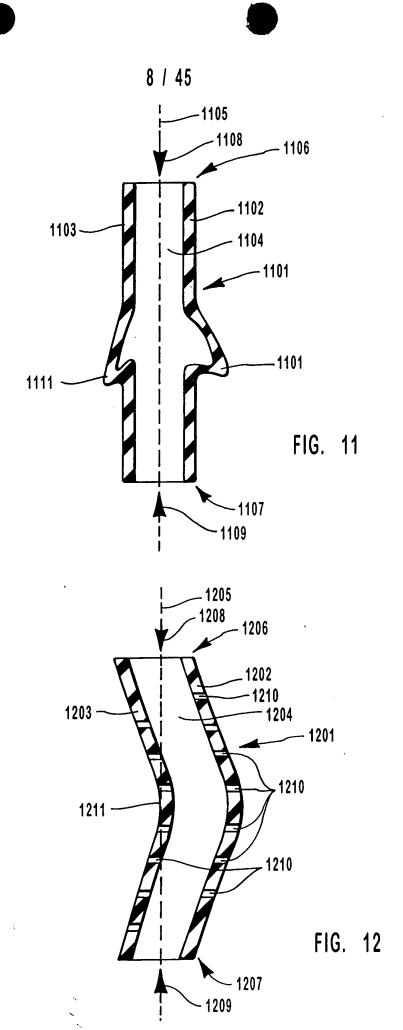


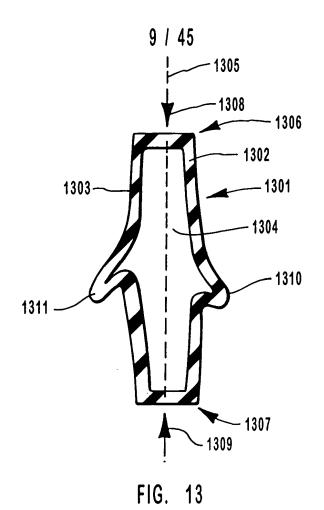


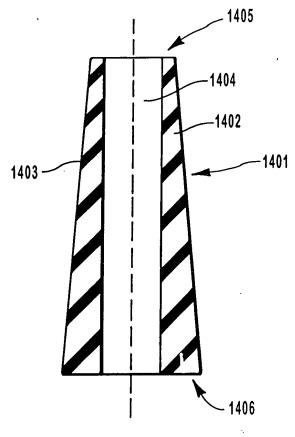
6 / 45











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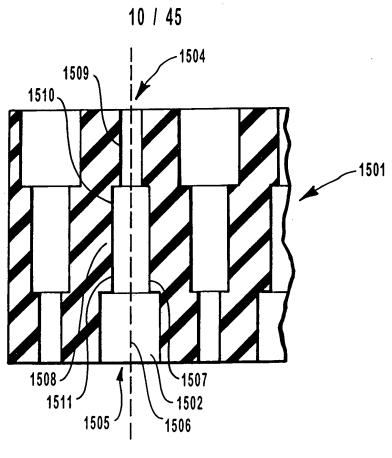


FIG. 15

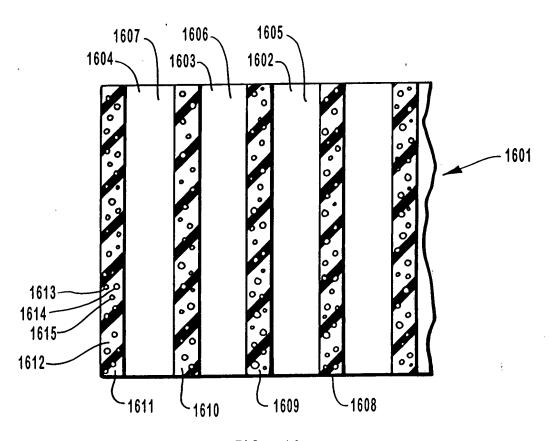
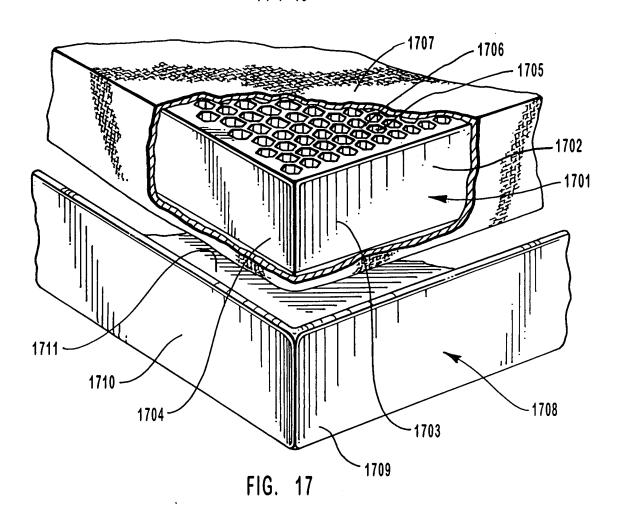
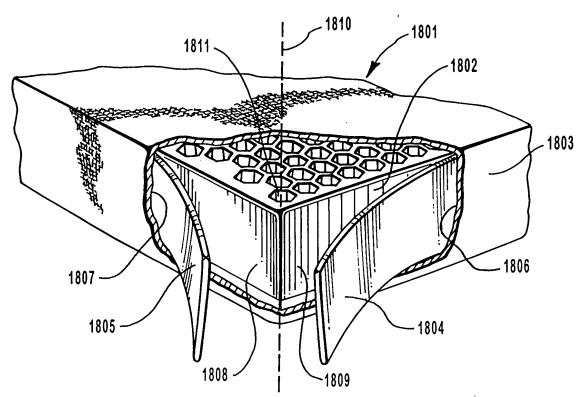


FIG. 16

11 / 45





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13 / 45

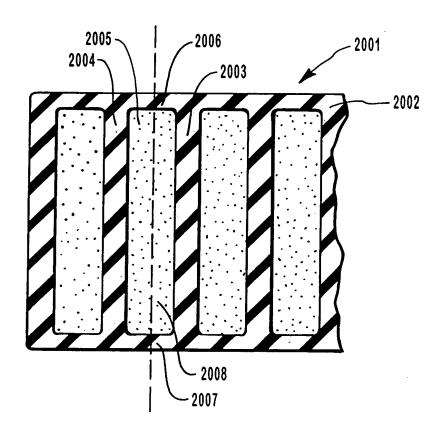


FIG. 20

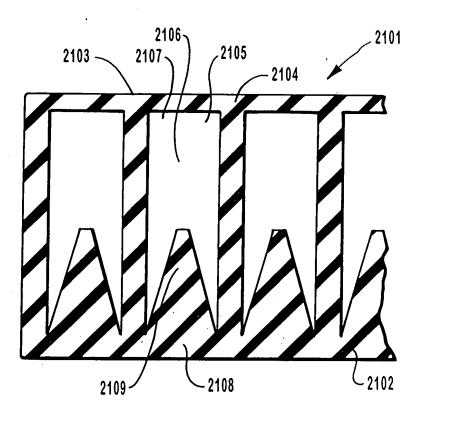


FIG. 21

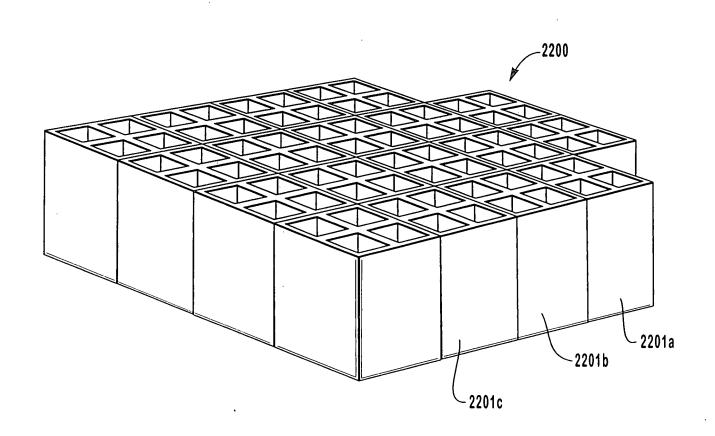


FIG. 22

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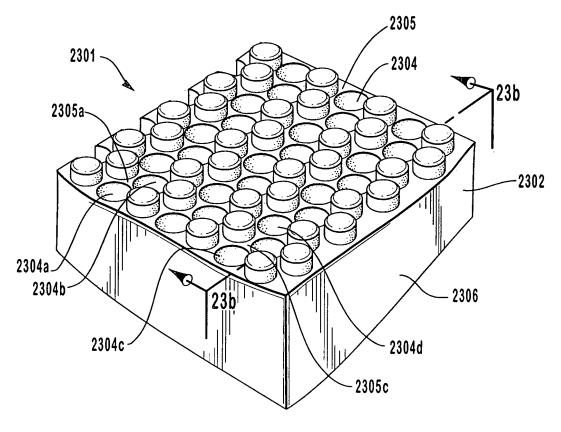


FIG. 23a

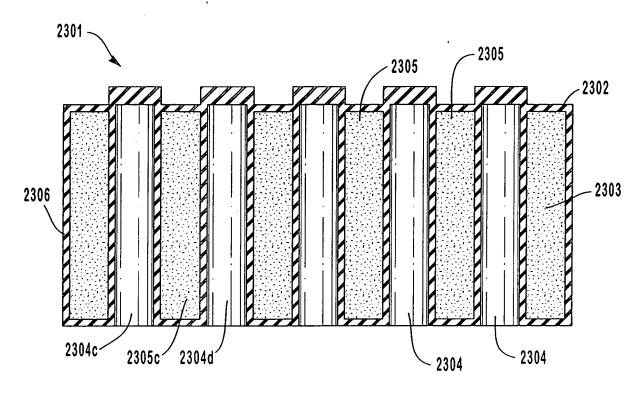


FIG. 23b

16 / 45

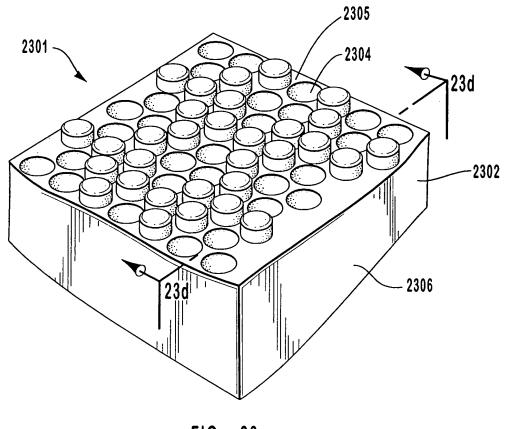


FIG. 23c

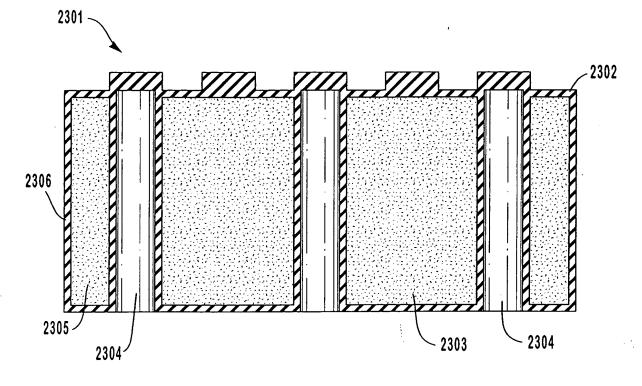


FIG. 23d

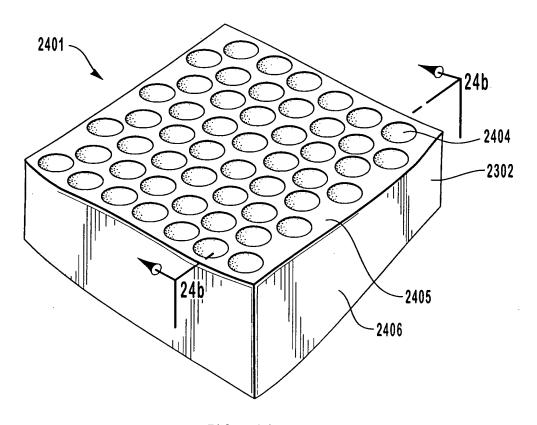


FIG. 24a

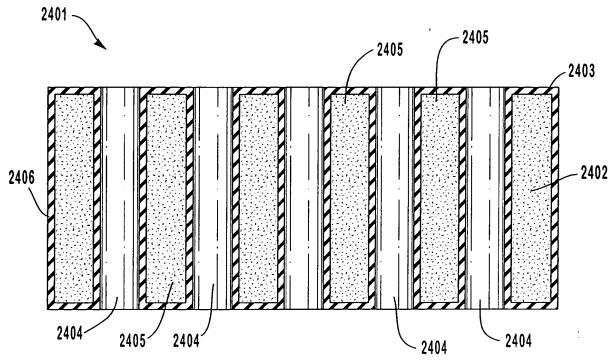
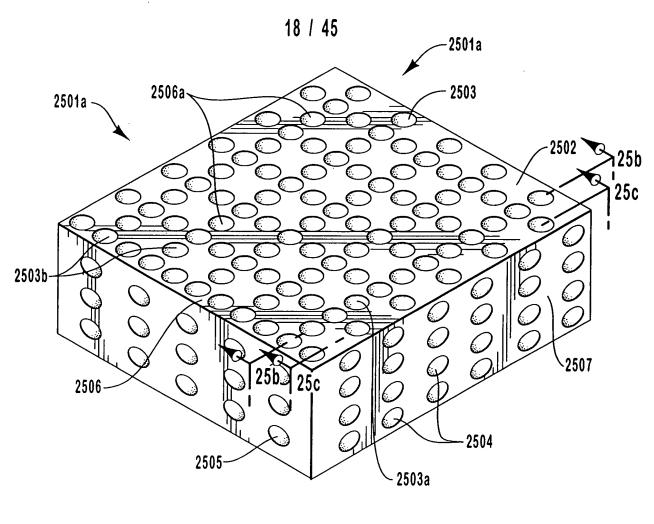


FIG. 24b



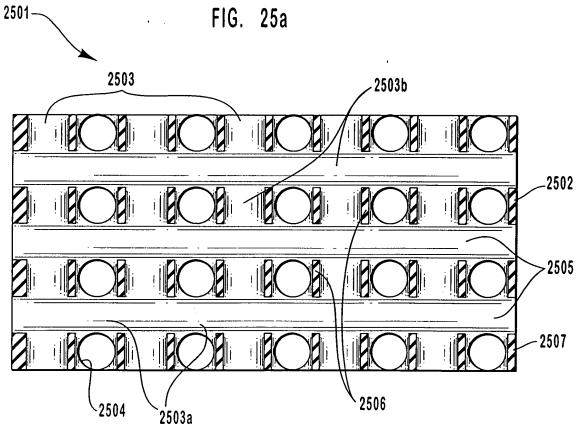
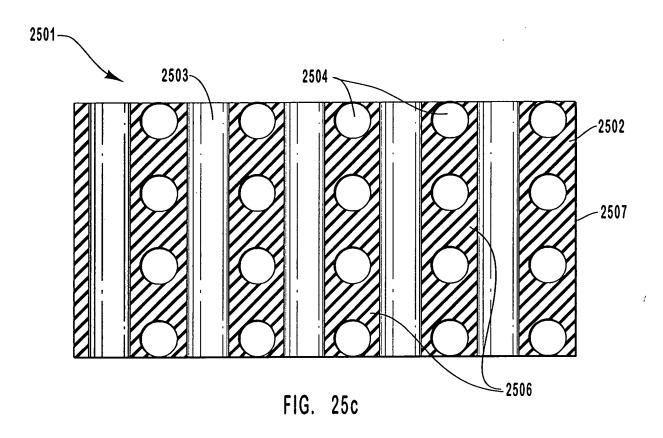
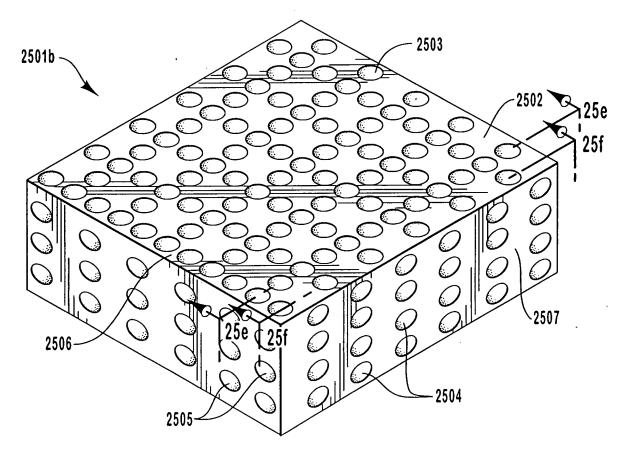


FIG 25h

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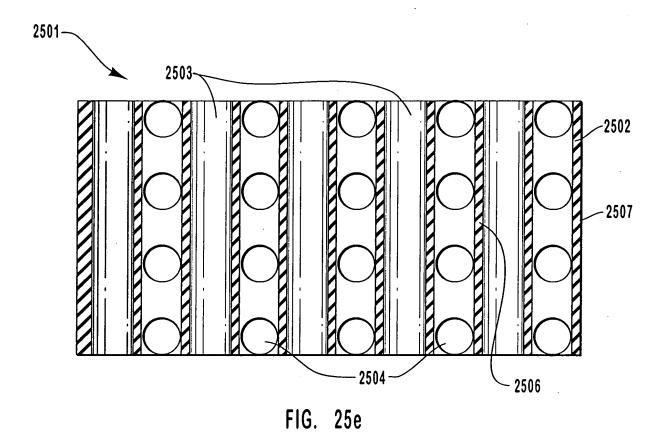
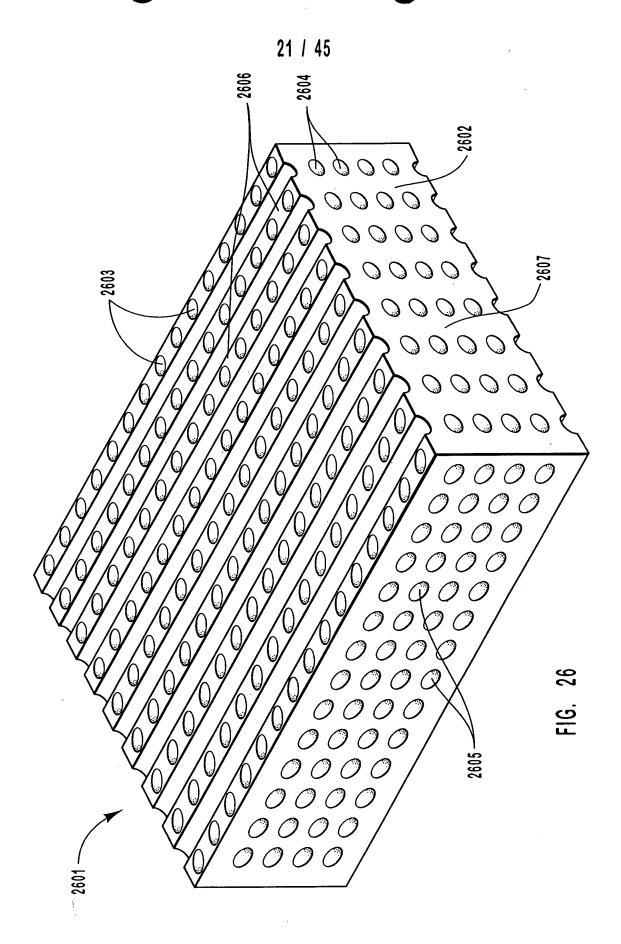


FIG. 25f



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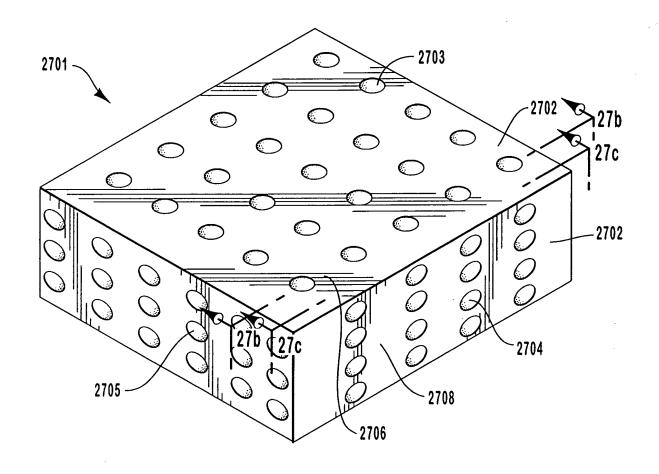


FIG. 27a

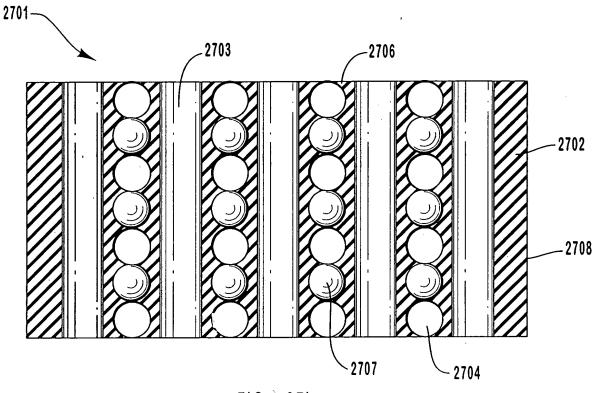


FIG. 27b

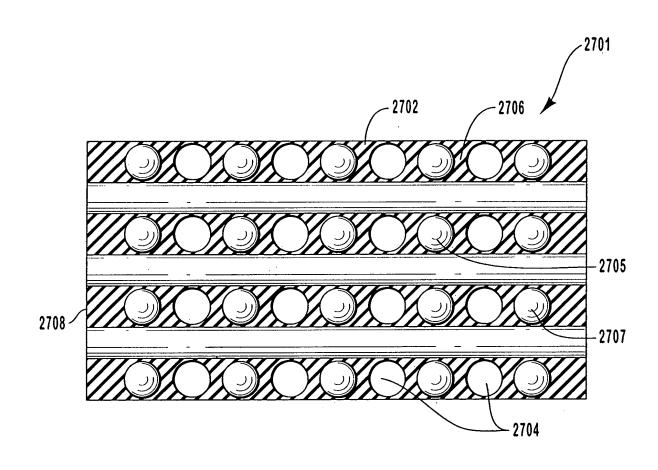
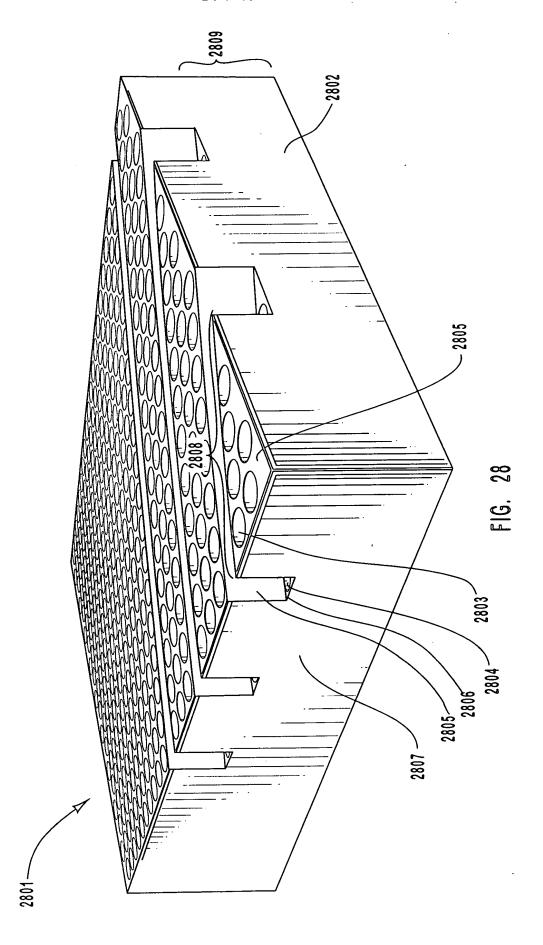
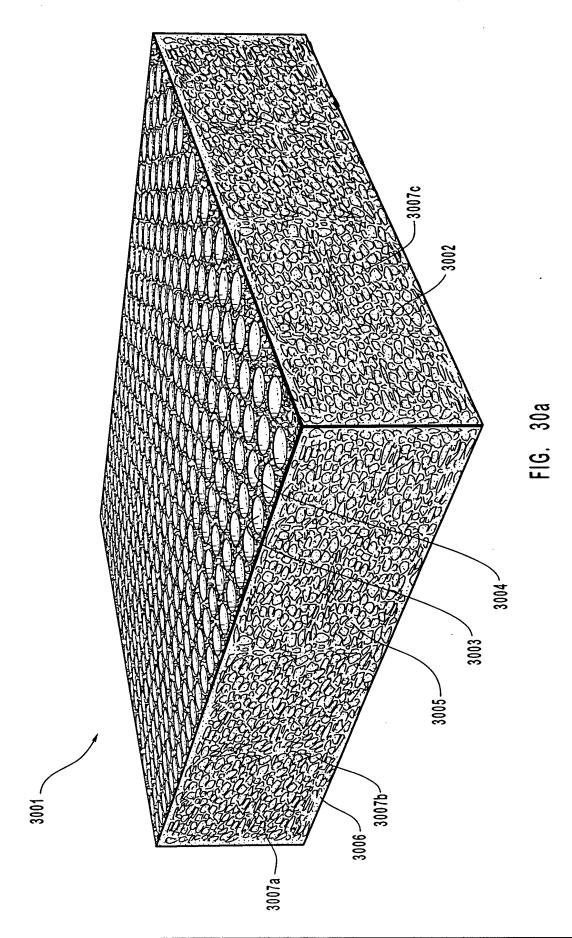


FIG. 27c

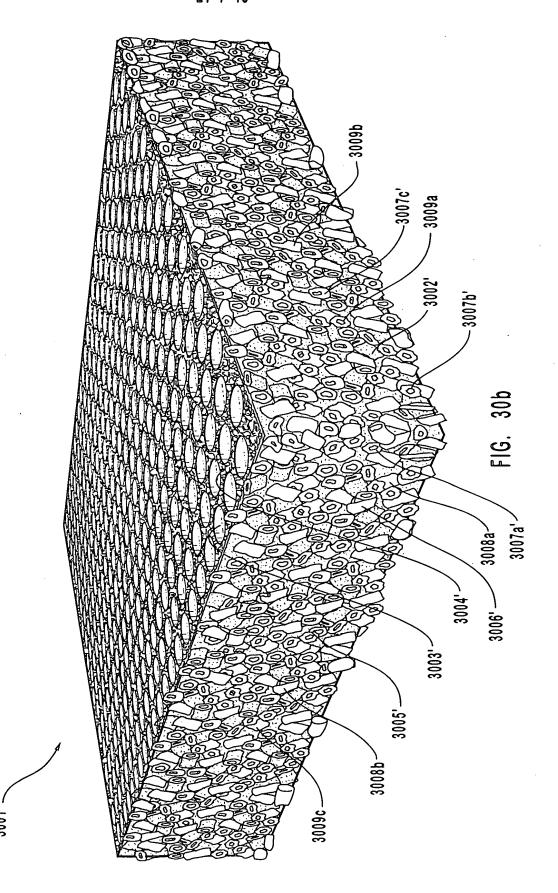
24 / 45



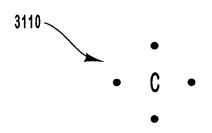
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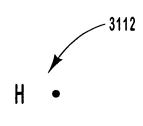


FIG. 31a

FIG. 31b

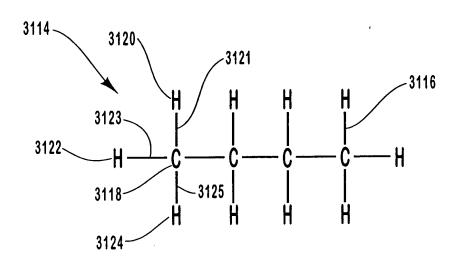


FIG. 31c

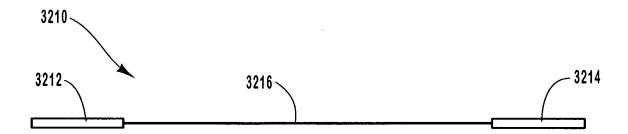


FIG. 32a

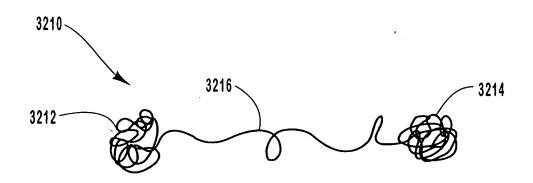


FIG. 32b

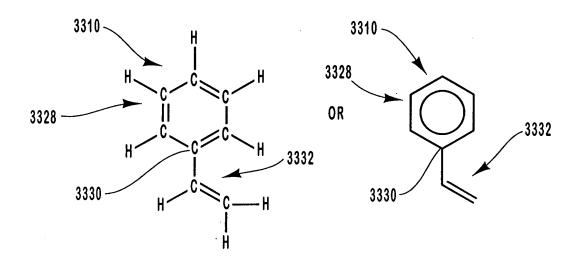


FIG. 33a

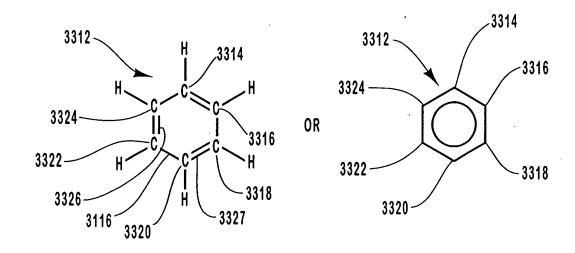


FIG. 33b

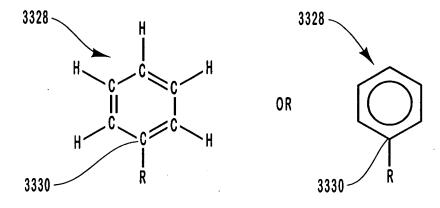


FIG. 33c

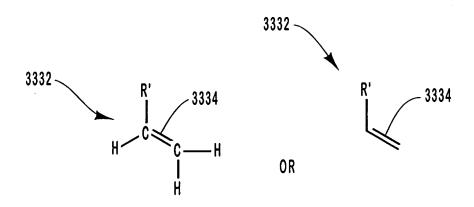


FIG. 33d

FIG. 33e

FIG. 33f

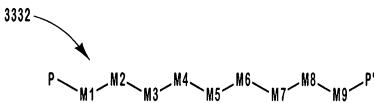


FIG. 34a

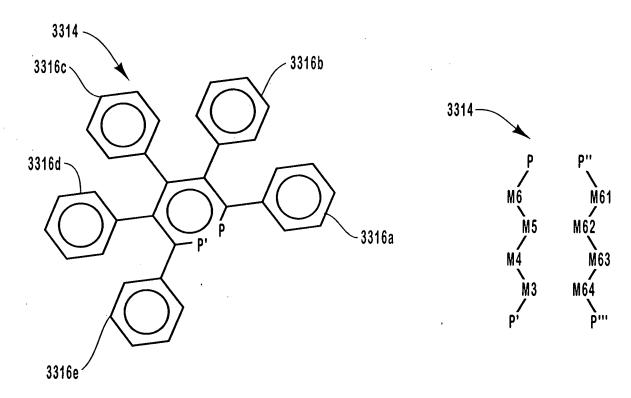
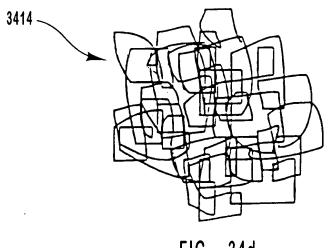


FIG. 34b

FIG. 34c



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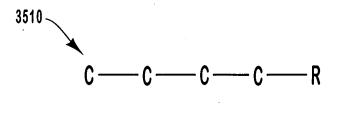


FIG. 35a

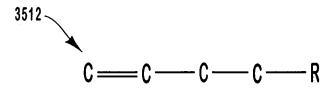


FIG. 35b

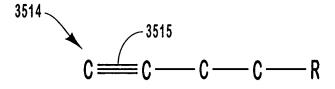


FIG. 35c

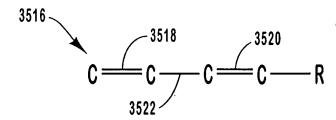


FIG. 35d

$$C = C - C - C - R$$

FIG. 35e

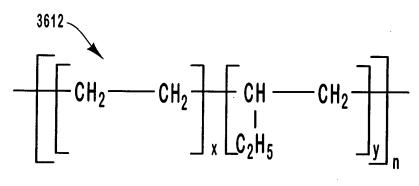


FIG. 36a

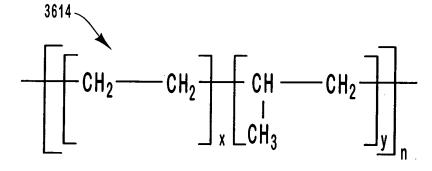


FIG. 36b

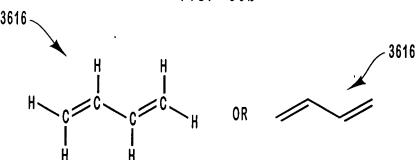


FIG. 36c

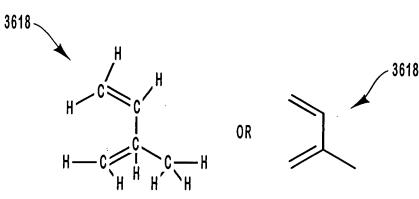


FIG. 36d

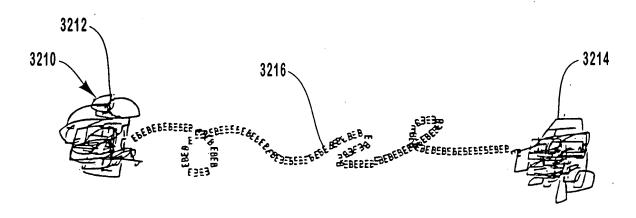


FIG. 37a

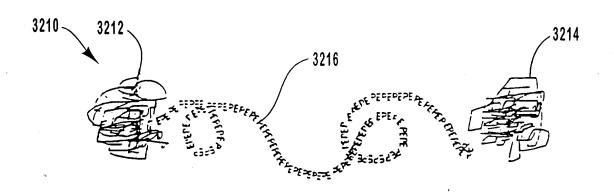


FIG. 37b

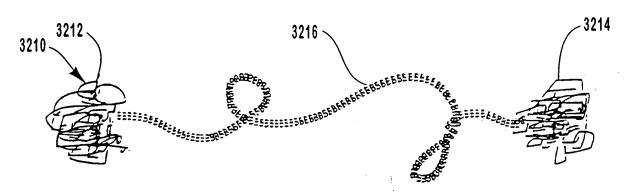


FIG. 37c

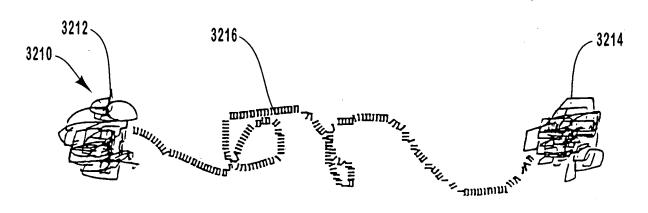


FIG. 37d

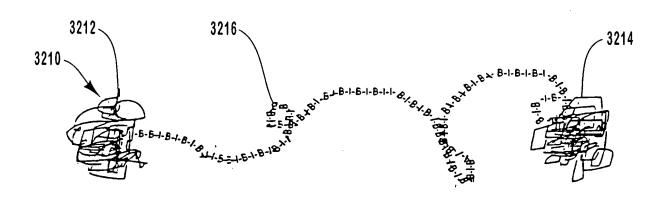


FIG. 37e

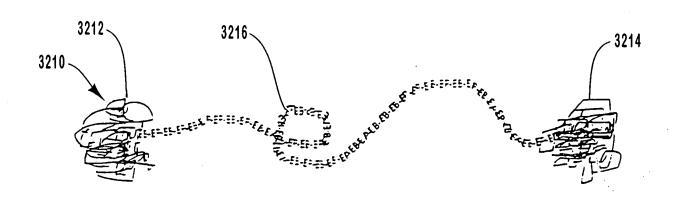
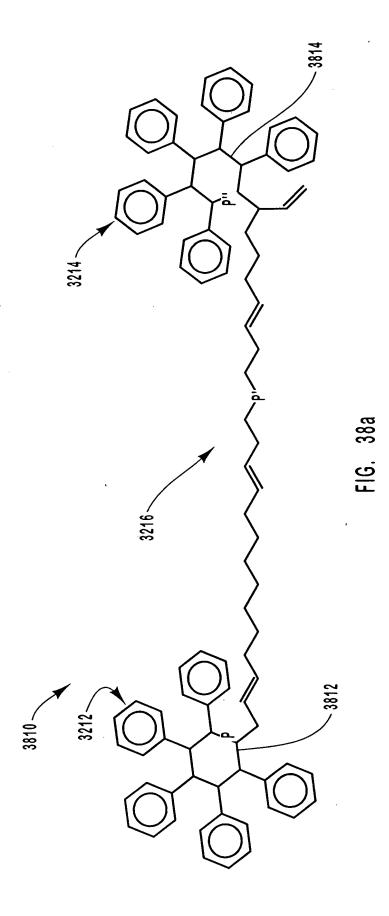


FIG. 37f



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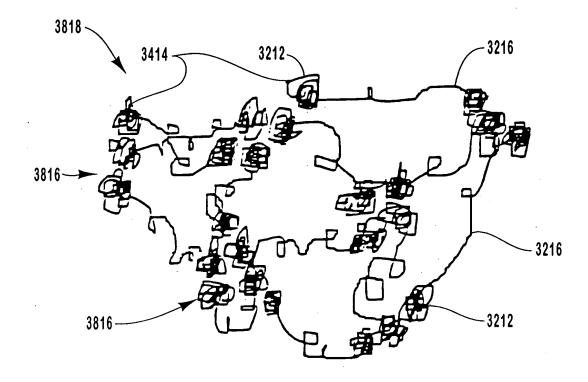


FIG. 38b

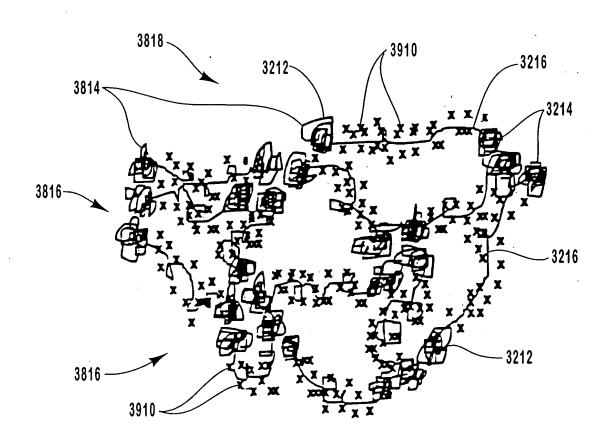


FIG. 39a

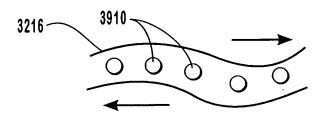


FIG. 39b

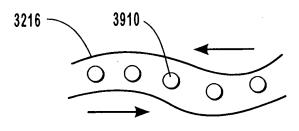


FIG. 39c

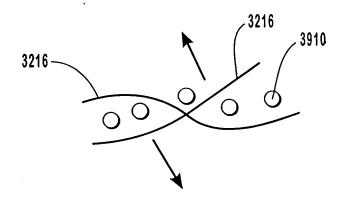
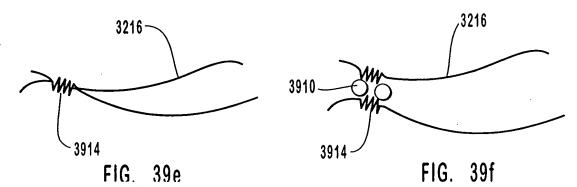
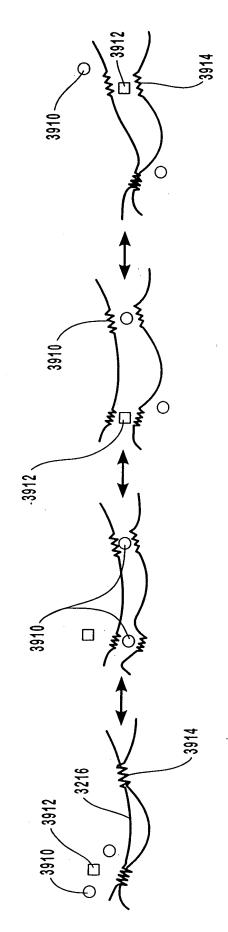


FIG. 39d





The transfer and the transfer and the

FIG. 39g

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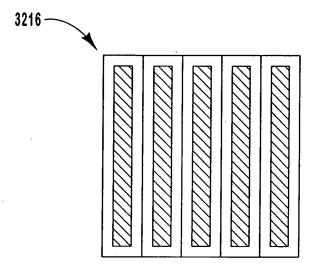
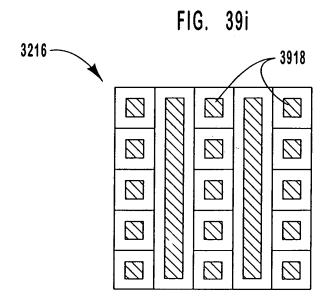


FIG. 39h



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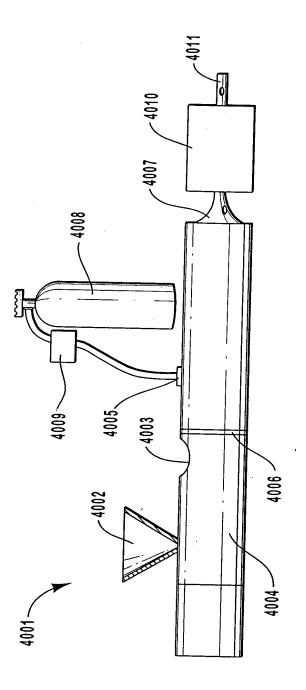
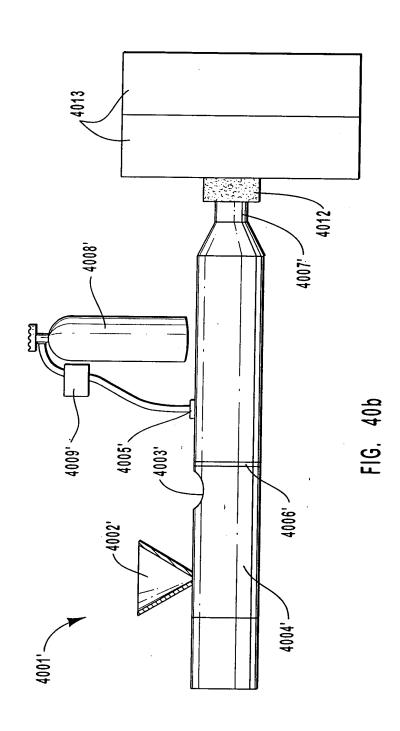
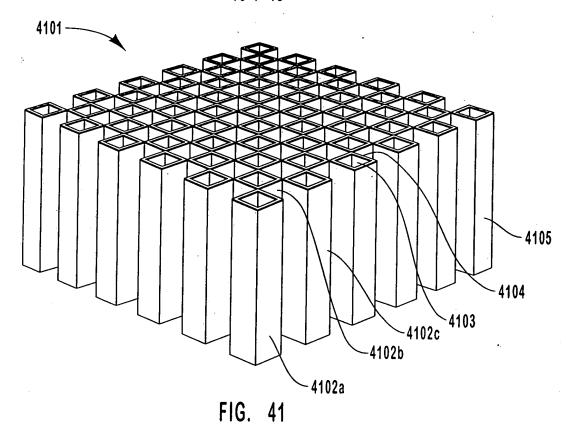


FIG. 40a









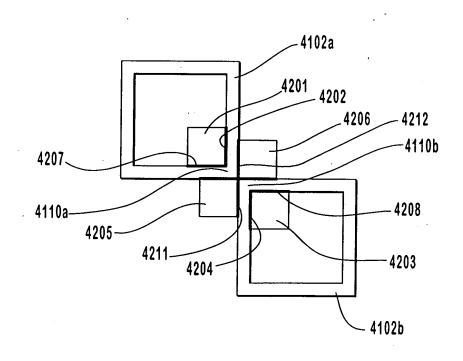


FIG. 42

FIGURE

----------C==-\-=== (===\=== ---i ---------Step 1: Cut foam bun (along dashed lines) with CNC contour cutter ____ /===¦=== (===|===) -------‡ ===‡ === -----------___ ---------- <u>---</u> رحداً عد ·===±=== ----1==={===1 --------------------------===±=== ===± -----C== ---------------(_____ ---! ===‡ Multiple of 7.00

50184°

FIGURE #44

lohh.

Step 2: Without disturbing the now cut bun, rotate it 90 degrees and make the same type of cuts in the other direction

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FIGURE = 45

Step 3: Separate the pieces and discard the thin sections

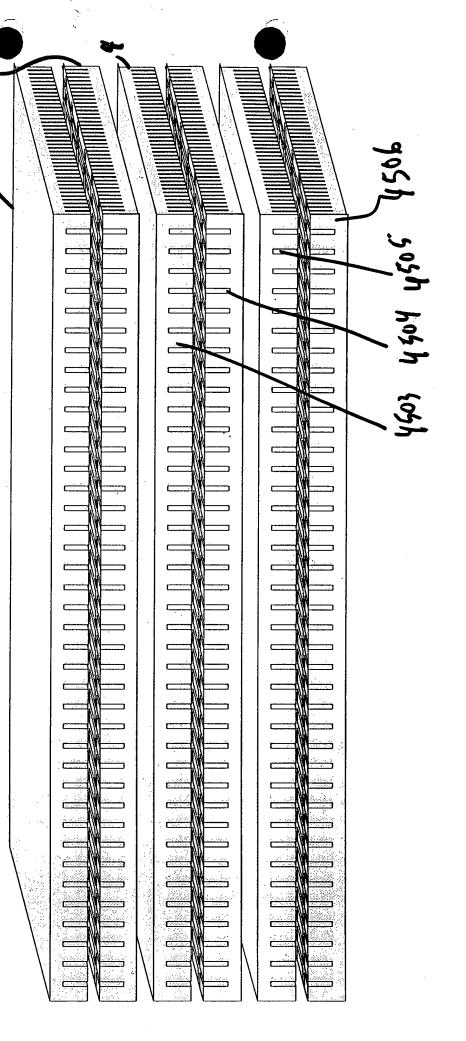
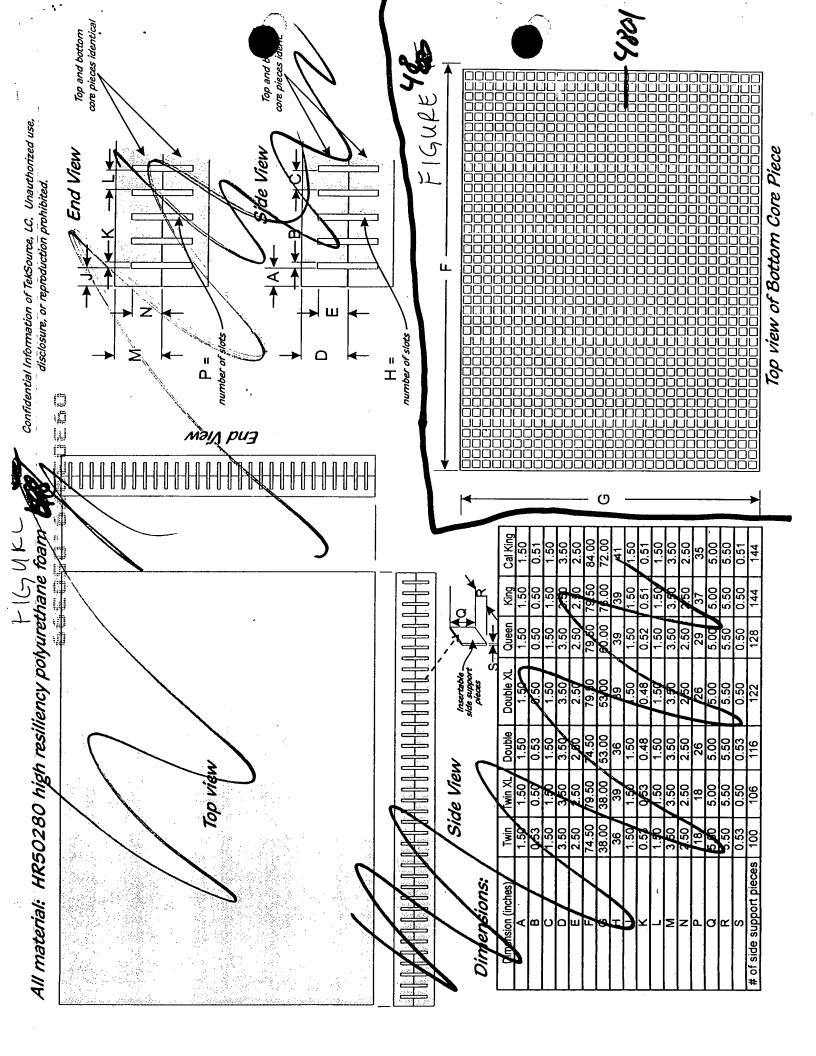


FIGURE AND WESTERS

Step 4: Bond with adhesive

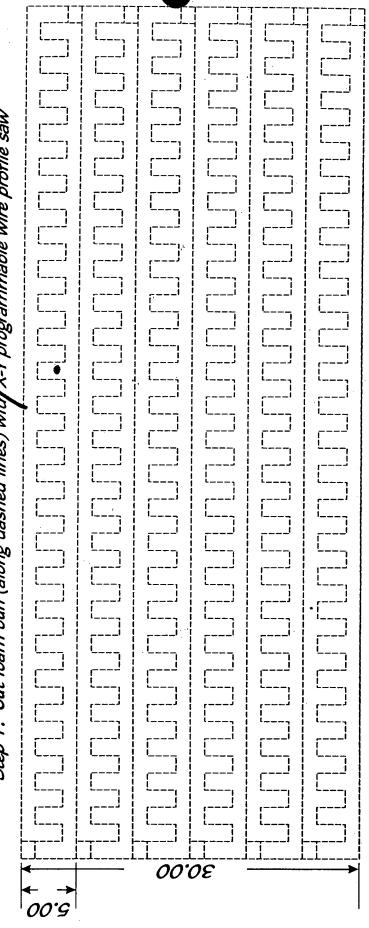
2064 Step 5: Insert side support foam pieces (do not bond) all four sides

70%



1015.

Step 1: Cut foam bun (along dashed lines) with X-Y programmable wire profile saw

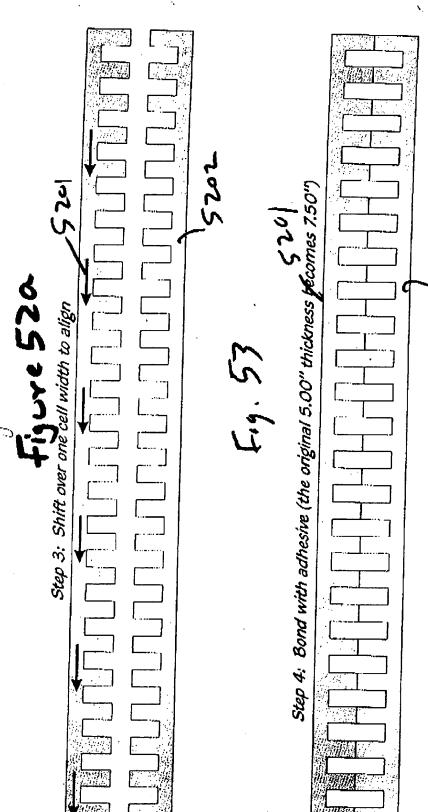


T028 TekSource, LC. Unauthorized use, 1025 -1025-7205 3025-Confidential Information of 220 1226 1025 disclosure, or reproc Step 2: Separate (discard the small pieces from each end) TOULT TOULT SECTION OF المر

General of Are Transfer of State of Sta

Step 3: Shift over one cell width to align

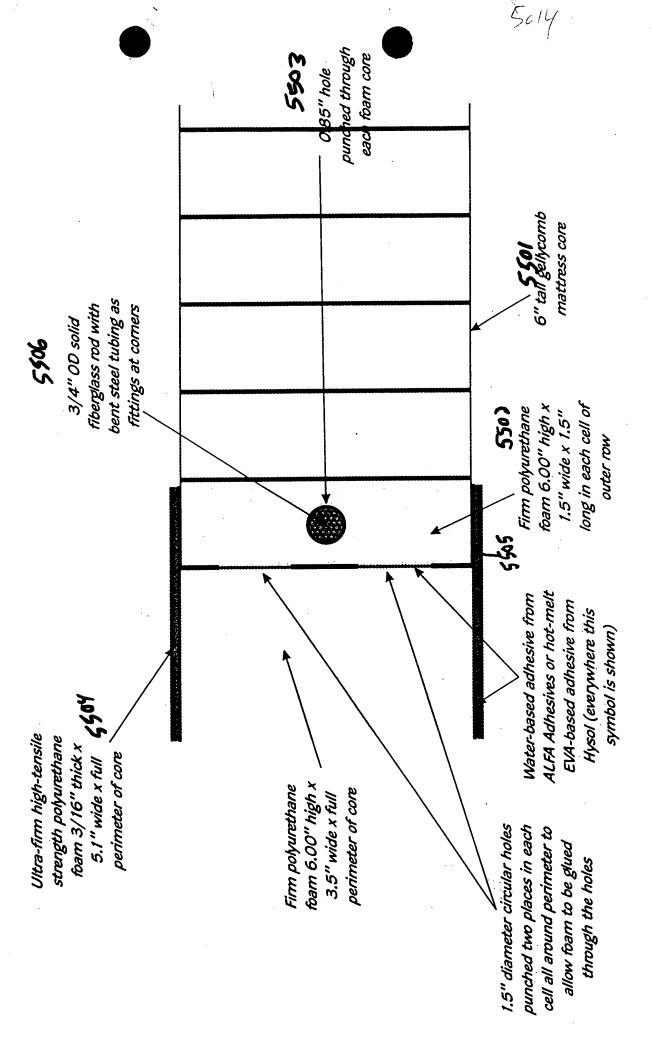
 $\mathcal{L}_{\mathcal{L}_0}$ | Step 4: Bond with adhesive (the original 5.00" thickness becomes 7.50")

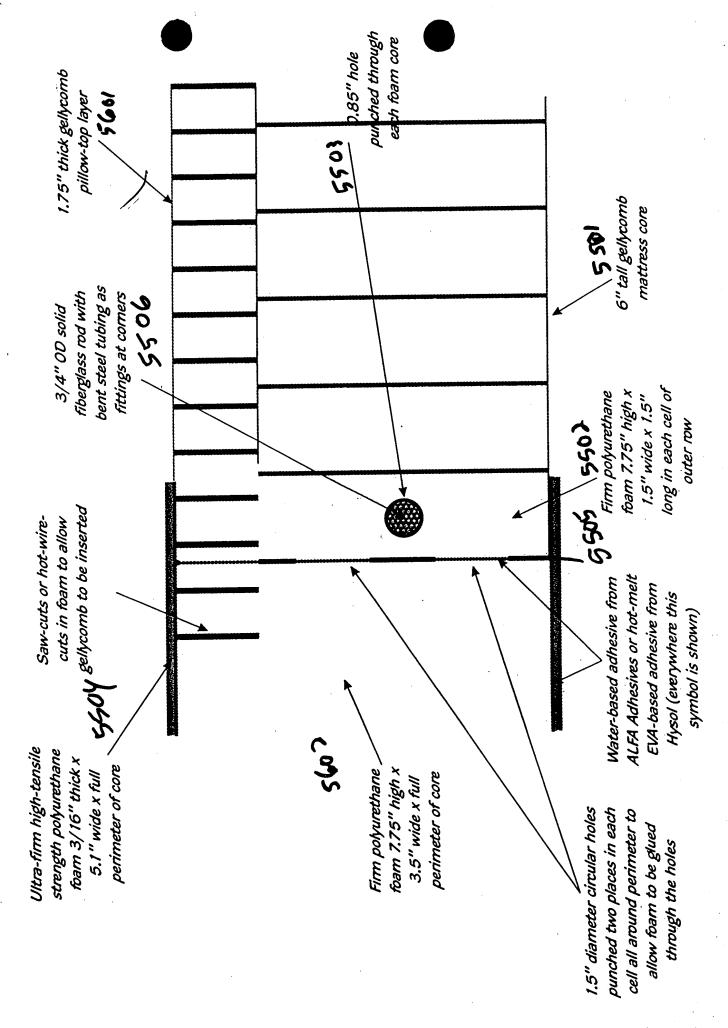


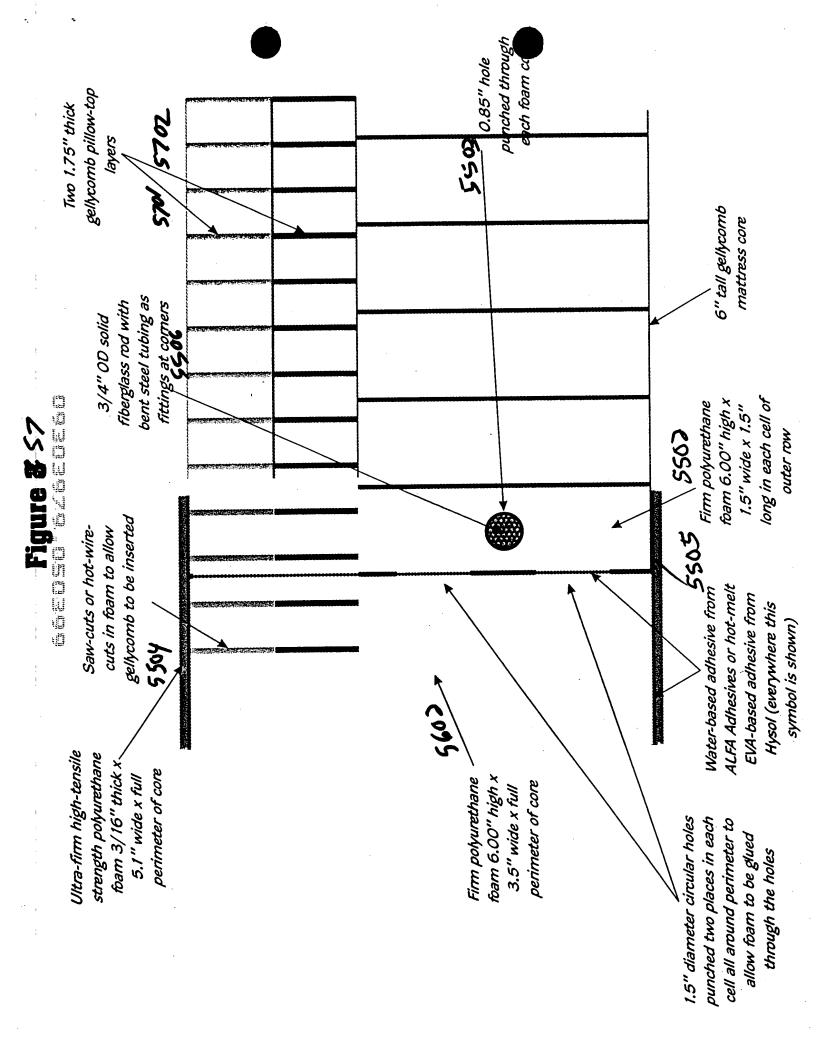
19/15 compressed (but not low vail 2063 buckling four rail Flyare

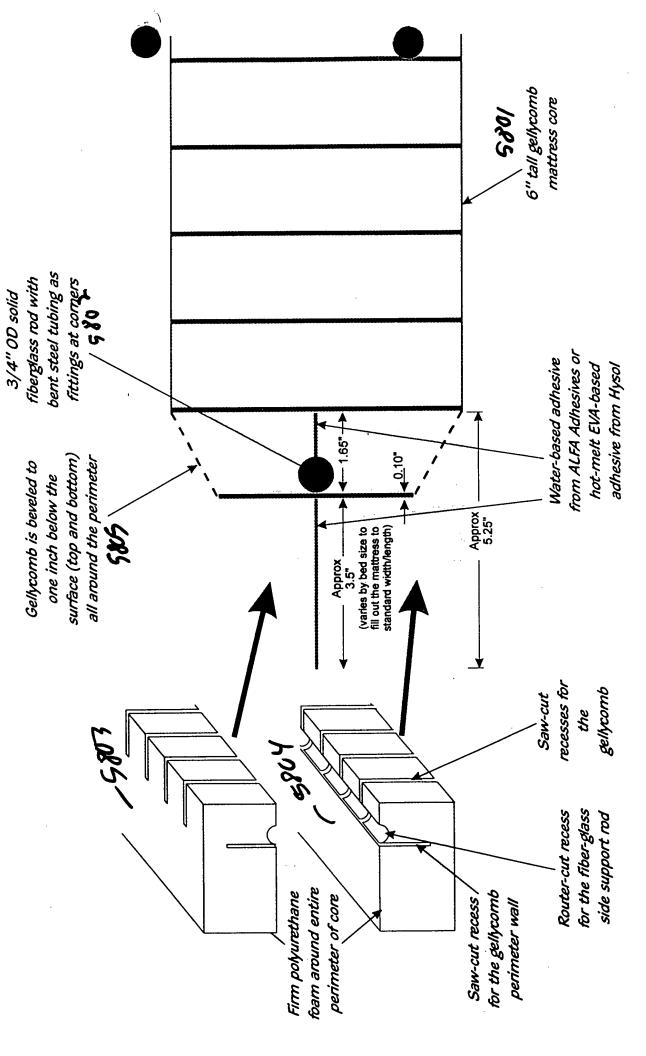
ngangara ngngg

Figure 🗗 55





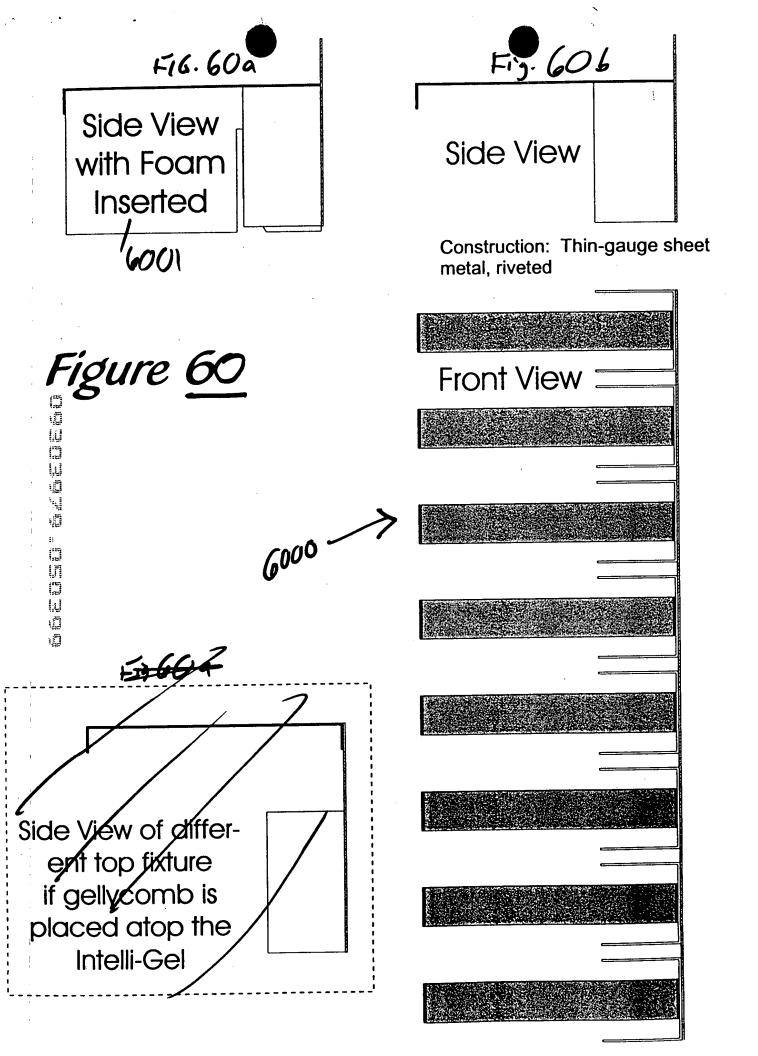


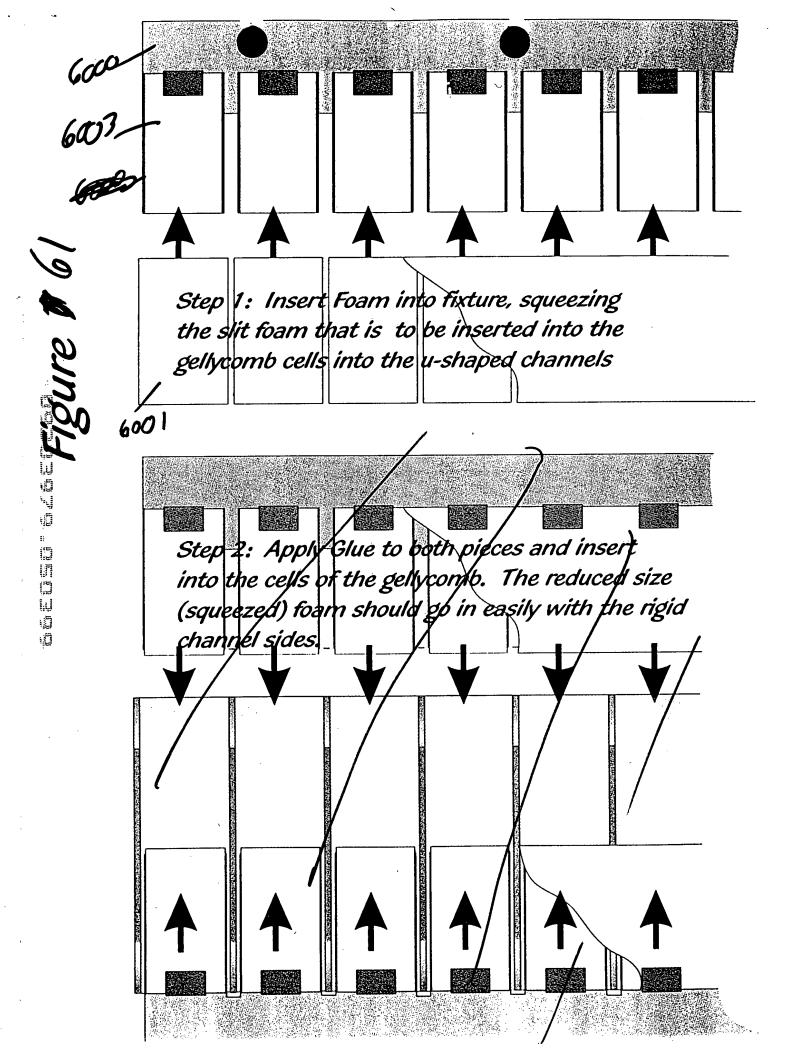


S90/ 1.75" thick gelfycomb Comfort Layer 6" tall gellycomb 1085 mattress core bent steel tubing as fiberglass rod with fittings at comers 3/4" OD solid 2005 surface (top and bottom) all around the perimeter Gellycomb is beveled to one inch below the felt mat if it glues well; foam 3/16" thick full perimeter of core (or, saks. or, urethane film) 1.65 0.10 Approx 5.25" (varies by bed size to fill out the mattress to standard width/length) Approx _ 3.5" 5903 Adhesives or hot-melt EVA-based Water-based adhesive from ALFA 5807 recesses for gellycomb adhesive from Hysol Saw-cut the for the fiber-glass Router-cut recess side support rod foam around entire for the gellycomb Firm polyurethane Saw-cut recess, perimeter of core recesses for the perimeter wall gellycomb cell side walls Saw-cut

Figure 59 ... Utra-finn high tensile

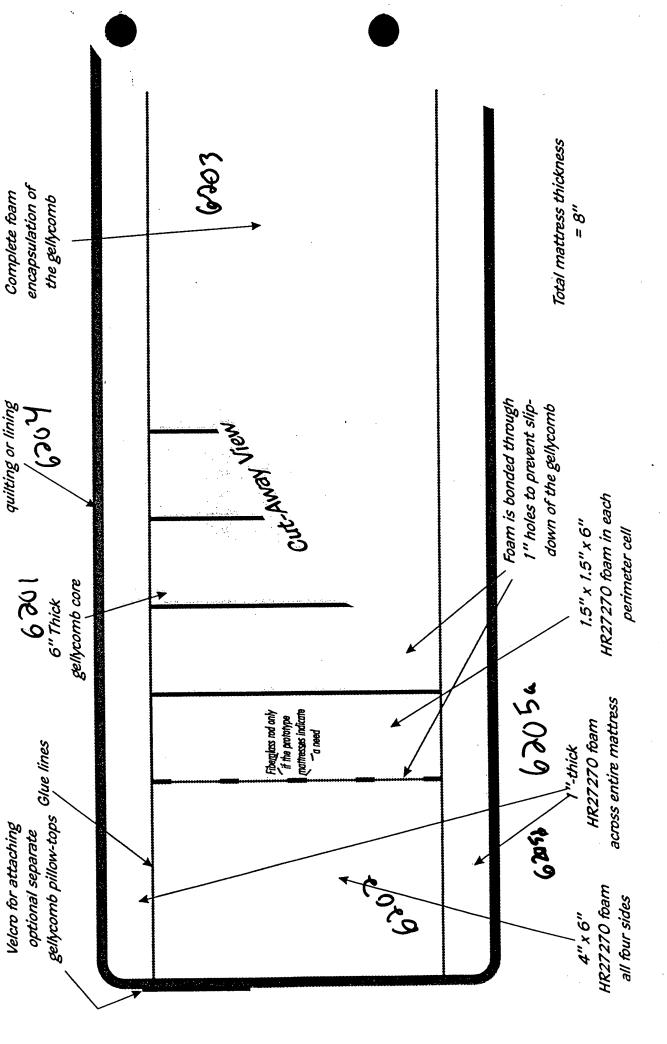
strength polyurethane





zippered cover, no

Stretch fabric

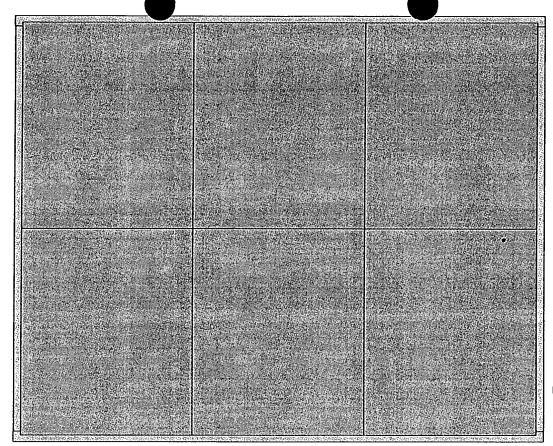


Cover made from stretch fabric laminated to 1/8" foam Ultra-soft gellycomb 7 pillow-top layer 6301 two rows of gellycomb cells HR27270 foam in outer 0.75" x 0.75" x 1.75" (insert with a fixture) all around perimeter DOZOZOZO DEOZO Glue joints **405** % HR27270 foam all four sides 1.75"x4" separate gellycomb mattress or to straps which go around a conventional mattress Veloro for attaching to Figure 辑 63

6403 6073 gellycomb pillow-top except that all foam pieces are 3.5" tall and All features same as single

two layers of gellycomb are used \630)

Figure 14 64



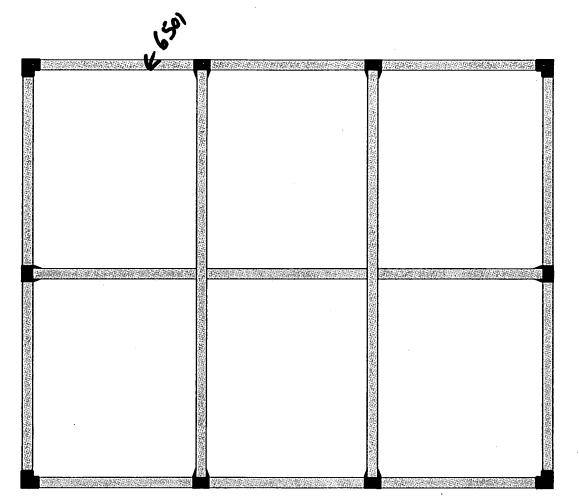


Figure 6 67.

Deleade lacated

Hinge mechanisms are 0.5"+0.5" gahanized 90-degree angled sheet metal that bends in ductile fashion (0.5" screwed to the platform wood and 0.5" screwed to the rotating end or, side) property space the "hinge" for the ends 9"x 1" strip of 1/4" plywood to top. Width-wise pieces are continuous, 5 x § lattice (for Queen) of 1x2's, flush with and screwed to the 1/4" plywood

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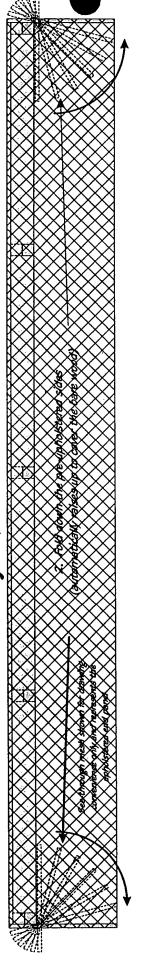
(automatically raises up to cover the bare wood)

1. Fold down the pre-upholstered ends

No Tool Assembly:

67 676

Connector (one at each corner)



Fr. 674

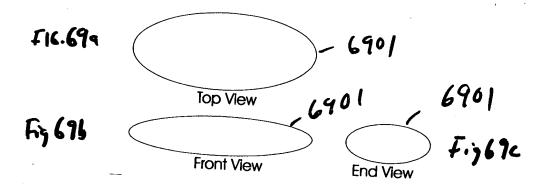


Figure # Section of the section of t

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								基	基				

- 680/ 1082

Ly. 686



	Quilted Topwith Fiber	
2"-high hollow co	lumn gel elastomer with 1" square holes and 0.	25" wall thickness
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	101	
- 1 -		
Figure 🏖	71	
	Quilted Top with Fiber	
24-high hollowico	lumn gel elastomer with 1" square holes and 0.1	25 wall vickness
	lumn gel elastomer with 1" square holes and 0.	25 Wall unlekness
	7/01 7/0	1/03
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	77	2 2001
🖁 Figure 🎉	12	7003 1001
	Quilted Top with Fibrer & Foam	
	Jumn gelielastomer with 1.8" square holes and 0	
6"-nigh hollow col		
	umn gel elastomer with 1.8" square holes and 0	
6"-high hollow col	umn gel elastomer with 1.8" square holes and 0	
6"-high hollow col	Jumn gelic astomer with 1 8" square holes and 0	.10" wall thickness:
6"-nigh hollow col	umn gelic astomer with 1 8" square holes and 0	
6"-high hollow col	Jumn gelic astomer with 1 8" square holes and 0	.10" wall thickness:
Figure 4	Jumn gel elastomer with 1 8" square holes and 0 Joor Quilted Top with Fiber	.10" wall thickness.
Figure 4	umn gelic astomer with 1 8" square holes and 0	.10" wall thickness.
Figure 4	Jumn gel elastomer with 1 8" square holes and 0 Joor Quilted Top with Fiber	.10" wall thickness.
Figure &	Jooz Quilted Top with 1" square holes and 0.1	.10" wall thickness. 3 • 3 25" wall thickness
Figure &	Jumn gel elastomer with 1 8" square holes and 0 Joor Quilted Top with Fiber	.10" wall thickness. 3 • 3 25" wall thickness
Figure &	Jooz Quilted Top with 1" square holes and 0.1	.10" wall thickness. 3 • 3 25" wall thickness
Figure &	Jumn gelielastomer with 1.8" square holes and 0 7002 Quilted Top with Fiber lumn gelielastomer with 1.8" square holes and 0.1 umn gelielastomer with 1.8" square holes and 0.1	.10" wall thickness. 3 • 3 25" wall thickness
Figure &	Jooz Quilted Top with 1" square holes and 0.1	.10" wall thickness. 3 • 3 25" wall thickness

Figure 70

Figure & 7	Y — 1404 — Quilted Top	, _	7402
	mn gel elastomer with).125" wall thickness
24-high hollow colu	mn gel elastomer with	1"square holes and ():125" wall thickness
6"-high hollow colu	nngel elastomer with:	1.8" square holes and	l 0.10" wall thickness
Figure #			1503 1501
			1405 (4510 H) 1405 (4510 H)
	mn gel elastomer with	I square notes and the	Jai 25 Wait Line Killess
	Polyuretha	ane Foam: Tital	
Figure	76 1604		1476° A
	Quilted Top	withEiber	702 163 A
2"-high hollow colu	Quilted Top nn gelelastomer with	1" square holes and (
2"-high hollow colu	Quilted Top	1" square holes and (125 Wall thickness
2"-high hollow colu	Quilted Top mn gelelastomer with mn gelelastomer with	1" square holes and (1" square holes and (
2"-high hollow colu	Quilted Top mn gelelastomer with mn gelelastomer with	1" square holes and (
2"-high hollow colu	Quilted Top mn gel elastomer with Polyureth	1'square holes and an effort for the control of the	
2"-high hollow colu	Quilted Top mn gel elastomer with Polyureth	1'square holes and an effort for the control of the	125" Wall-thickness
2"-high hollow colu	Quilted Top In gel elastomer with Polyureth Quilted Top	1"square holes and ane Foam with Fiber	125" Wall-thickness
2"-high hollow colu	Quilted Top In gel elastomer with Polyureth Quilted Top	1"square holes and ane Foam with Filoer 1"square holes and	125" Wall-thickness

Figure \$72	uiltedakopawithekiog	701 107 803
	elastomer with 1" square hole	
	Spring Unit	
Figure # 79	uiltedaTop>with=Eibe	196/962 1963 1984
2"-high hollow column gel	elastomer with 1" square hole elastomer with 1" square 7018	and Okr25 Wall thickness
	Spring Unit	
	-3004	
Figure # 190	ad Tongwith Eiborgs	801707803
	edTop-with-Fiber&: elastomer with 1.8" square hol	Ecam
6"-high hollow column gel	elastomer with 1.8" square hol Shallow Spring Units	es and 0.10" wall thickness
6"-high hollow column gel	elastomer with 1.8" square hol	es and 0.10" wall thickness
Figure 21-high hollow column gel	elastomer with 1.8" square holes spring Units 8103 uilted Top with Fibe	es and 0.10" wall thickness

